

What Is Claimed Is:

1. A method for coordinating network nodes in a network, the method comprising the steps of:

5 informing a first slave node, by a master node, of a first period to scan for inquiry messages;

 informing a second slave node, by the master node, of a second period for scanning for inquiry messages, wherein the first period and second period do not occur during a same period of time; and

10 scanning, by the first slave node, for inquiry messages during the first period, wherein an inquiry message is used by a node sending the inquiry message to determine which nodes are reachable by the node sending the inquiry message.

15 2. The method of claim 1, wherein the network is a wireless network.

 3. The method of claim 2, wherein nodes of the wireless network communicate using frequency hopping.

20 4. The method of claim 3, wherein the network operates according to Bluetooth protocol.

 5. A method for coordinating network nodes in a network, the method comprising the steps of:

25 informing a first slave node, by a master node, of a first period to send an inquiry message;

 informing a second slave node, by the master node, of a second period for sending an inquiry message, wherein the first period and second period do not occur during a same period of time; and

sending, by the first slave node, an inquiry message during the first period, wherein the inquiry message is used by the first node to determine which nodes are reachable by the first node.

5 6. The method of claim 5, wherein the network is a wireless network.

7. The method of claim 6, wherein nodes of the wireless network communicate using frequency hopping.

10 8. The method of claim 7, wherein the network operates according to Bluetooth protocol.

9. A method for coordinating establishment of a connection between network nodes in a network, the method comprising the steps of:

15 sending an inquiry message from a first node to a second node;
 sending an inquiry response message from the second node to the first node, wherein the inquiry response message includes page scan information which indicates parameters related to a scanning for page messages by the second node; and

20 paging from the first node to the second node in accordance with the page scan information.

25 10. The method of claim 9, wherein the parameters include timing and frequency information related to the scanning for page messages by the second node.

11. The method of claim 9, wherein the parameters include a length of the scan period, a page scan repetition interval and a number of page scan repetitions.

12. The method of claim 9, wherein the parameters include information related to the number of times the page scan information has been distributed.

13. The method of claim 9, wherein the network is a wireless network.

14. The method of claim 9, wherein nodes of the wireless network communicate using frequency hopping.

15. The method of claim 9, wherein the network operates according to Bluetooth protocol.

16. A method for coordinating establishment of a connection between network nodes in a network, the method comprising the steps of:

sending an inquiry message from a first node to a second node;

sending an inquiry response message from the second node to the first node, wherein the inquiry response message includes page scan information which indicates parameters related to a scanning for page messages by a master node associated with the second node; and

paging from the first node to the master node in accordance with the page scan information.

17. The method of claim 16, wherein the parameters include timing and frequency information related to the scanning for page messages by the master node.

18. The method of claim 16, wherein the parameters include a length of the scan period, a page scan repetition interval and a number of page scan repetitions.

19. The method of claim 16, wherein the network is a wireless network.

20. The method of claim 16, wherein nodes of the wireless network communicate using frequency hopping.

21. The method of claim 16, wherein the network operates according to Bluetooth protocol.

22. A method for coordinating network nodes in a network, the method comprising the steps of:

informing a first slave node, by a first master node, of a first period to scan for inquiry messages;

informing a second slave node, by a second master node, of a second period for sending inquiry messages;

scanning by the first slave node for inquiry messages during the first period;

sending an inquiry message by the second slave node during the second period; and

sending an inquiry response message from the first slave node to the second slave node, wherein the inquiry response message includes page scan information that indicates parameters related to a scanning for page messages by the first node.

23. The method of claim 22, further comprising the steps of:

paging from the second slave node to the first slave node in accordance with the page scan information;

responding to the page by the first slave node, thereby establishing a connection between the first slave node and the second slave node.

24 The method of claim 23, wherein the network is a wireless network.

25. The method of claim 23, wherein nodes of the wireless network communicate using frequency hopping.

26. The method of claim 23, wherein the network operates according to Bluetooth protocol.

27. A device for coordinating network nodes in a network, the device comprising:

means for informing a first slave node of a first period to scan for inquiry messages; and

means for informing a second slave node of a second period for scanning for inquiry messages, wherein the first period and second period do not occur during a same period of time;

wherein an inquiry message is used by a node sending the inquiry message to determine which nodes are reachable by the node sending the inquiry message.

28. The device of claim 27, wherein the network is a wireless network.

29. The device of claim 28, wherein the device and nodes of the wireless network all communicate using frequency hopping.

30. The device of claim 29, wherein the network operates according to Bluetooth protocol.

31. A device for coordinating establishment of a connection between network nodes in a network, the device comprising:

means for sending an inquiry message to a node of the network;

means for receiving an inquiry response message from the node at the device, wherein the inquiry response message includes page scan information

which indicates parameters related to a scanning for page messages by the node; and

means for paging from the device to the node in accordance with the page scan information.

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32. The device of claim 31, wherein the parameters include timing and frequency information related to the scanning for page messages by the node.

33. The device of claim 31, wherein the parameters include a length of the scan period, a page scan repetition interval and a number of page scan repetitions.

34. The device of claim 31, wherein the parameters include information related to the number of times the page scan information has been distributed.

35. The device of claim 31, wherein the network is a wireless network.

36. The device of claim 31, wherein the device and nodes of the wireless network all communicate using frequency hopping.

37. The device of claim 31, wherein the network operates according to Bluetooth protocol.